

## A Worksheet For Shelterwood Marking

- 1. Lay out a 1 /1Oth-acre circular plot (radius of 37.24 feet) in the stand you are marking.
- 2. Choose the appropriate shelterwood type: type 1 -sugar maple, 60 percent residual crown cover (you'll need to leave 2,600 square feet of residual crown area in co-dominant or better trees); or type 2-light-seeded species, 70 to 80 percent residual crown cover (you'll need to leave up to 3,500 square feet in residual crown area).
- 3. Tally the diameter and species of residual trees, accumulating total crown areas as you proceed. Make sure that residual trees are well distributed over the plot. Stop marking when the calculated crown area is reached.
- 4. Use the 1/10th-acre plot you marked as a standard for marking the rest of the stand by eye. From time to time lay out a new I/IOth-acre plot in other parts of the stand to check yourself.

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## WORKSHEET FOR SHELTERWOOD MARKING

Area of Plot ----Sq. Ft. Percent Crown Cover Desired \_\_\_\_\_, Residual Crown Cover Needed-.

|          | Crow       | Crown Area — Sq. Ft. |            |
|----------|------------|----------------------|------------|
|          | N.         | Bass-                | Hemlock    |
| DBH      | Hdwds.     | wood                 | B. fir     |
| 5        | 105        | 55                   | 25         |
| 6        | 130        | 70                   | 40         |
| 7        | 165        | 85                   | 50         |
| 8        | 200        | 105                  | 70         |
| 9        | 240        | 125                  | 85         |
| 4.0      | 000        | 455                  | 405        |
| 10       | 280        | 155                  | 105        |
| 11       | 325        | 180                  | 130        |
| 12       | 375<br>420 | 205<br>240           | 155        |
| 13<br>14 | 480        | 240<br>275           | 180<br>210 |
| 14       | 400        | 213                  | 210        |
| 15       | 535        | 310                  | 240        |
| 16       | 600        | 350                  | 275        |
| 17       | 660        | 390                  | 310        |
| 18       | 730        | 425                  | 345        |
| 19       | 805        | 470                  | 385        |
| 20       | 880        | 520                  | 425        |
| 21       | 950        | 565                  | 470        |
| 22       | 1,035      | 615                  | 520        |
| 23       | 1,120      | 665                  | 565        |
| 24       | 1,205      | 710                  | 610        |
| 25       |            |                      |            |
| 26       |            |                      |            |
| 20       |            |                      |            |
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